Date: Thu, 4 Nov 93 11:59:43 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1309
To: Info-Hams

Info-Hams Digest   Thu, 4 Nov 93   Volume 93 : Issue 1309

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 4 Nov 1993 14:51:35 GMT
From: library.ucla.edu!agate!spool.mu.edu!uwm.edu!linac!news.ssc.gov!
cadams.ssc.gov!user@network.ucsd.edu
Subject: "outdoor antenna" ban
To: info-hams@ucsd.edu

In article <JF7gcc1w165w@sytex.com>, jim@sytex.com (Jim Arnold) wrote:
>
> Anyone have any good ideas on how I can fight a complaint
> about my "outdoor antenna"? It's a 2 meter ground plane
> that I take in and put out (it's mounted on a wooden stick).
> for a couple of hours each evening, and on weekends.
>
> I live in an apartment co-op that doesn't allow antennas.
>
> Well, its just a temporary antenna at that, and no worse
> than someone hanging a power cord out their window to
> vacuum their car!
>
> Any hints and tips?
>
> Much obliged...
>
> jim - AD4JE

Put a flag on it.

Chuck Adams, WB5WRR   (The Chuckster)
Not an official document of DOE, SSCL, URA or EG&G
"I cut you three ways, man: quick, deep and frequently"
Internet: chuck_adams@qmail.ssc.gov

Date: 4 Nov 93 15:36:32 GMT
From: newsgate.watson.ibm.com!hawnews.watson.ibm.com!news@uunet.uu.net
Subject: "outdoor antenna" ban
To: info-hams@ucsd.edu

In <JF7gcc1w165w@sytex.com>, jim@sytex.com (Jim Arnold) writes:
>Anyone have any good ideas on how I can fight a complaint
>about my "outdoor antenna"? It's a 2 meter ground plane
>that I take in and put out (it's mounted on a wooden stick).
>for a couple of hours each evening, and on weekends.
>
>I live in an apartment co-op that doesn't allow antennas.
>

   How high does this 'stick' put your antenna? If your not concerned with getting it over the roof line then you should be able to find a way to disguise it some how. Do you have a balcony or are you just sticking it out the window? If your on a balcony, you should be able to hang a potted

plant (live or fake) and 'grow' the antenna out of that. Or set you up a permant flag pole for one of those small, US flags or wind-socks. Use that as the antenna or figure out a way to attach the antenna to that at night. See if you have any vent pipes on the roof near your window. If so, you might be able to get the manager to let you put up one of those Vent Antennas. It slips right over the pipe. If you want to find a way to 'force' them to let you use your antenna, your out of luck. If you signed the lease that said no antennas, then you have to live with that or find a way to disguise the antenna.

73's de Jack - kf5mg
AX25net   - kf5mg@kf5mg.#dfw.tx.usa.na - (817) 962-4409
Internet   - kf5mg@kf5mg.ampr.org   - 44.28.0.14
Worknet   - kf5mg@vnet.ibm.com

Date: 4 Nov 93 15:39:02 GMT
From: news-mail-gateway@ucsd.edu
Subject: AURORA WARNING: Middle Latitude Auroral Activity Warning
To: info-hams@ucsd.edu

/\

MIDDLE LATITUDE AURORAL ACTIVITY WARNING

WARNING ISSUED: 12:30 UT, 04 NOVEMBER

/\

VALID UNTIL: 19:00 UTC ON 06 NOVEMBER

HIGH RISK PERIOD: 04 Nov - 05 Nov (UT days)
MODERATE RISK PERIOD: 04 Nov - 06 Nov

PREDICTED ACTIVITY INDICES FOR NEXT 4 DAYS: 55, 30, 20, 12 (04 - 07 NOV)
(INPUT INTO THE AURORAL SIMULATION SOFTWARE *)

POTENTIAL MAGNITUDE OF MIDDLE LATITUDE AURORAL ACTIVITY: MODERATE - HIGH

POTENTIAL DURATION OF THIS ACTIVITY: 48 TO 72 HOURS

POTENTIAL LUNAR INTERFERENCE: LOW - MODERATE

OVERALL OPPORTUNITY FOR OBSERVATIONS FROM MIDDLE LATITUDES: FAIR - GOOD

APPROXIMATE OPTIMUM OBSERVING CONDITIONS (LOCAL TIME): PRIOR TO 9 OR 10 PM

AURORAL ACTIVITY MAY BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...

WASHINGTON STATE TO NORTH-CENTRAL IDAHO TO NORTHERN WYOMING TO NORTHERN NEBRASKA OR SOUTHERN SOUTH DAKOTA TO IOWA TO NORTHERN ILLINOIS OR SOUTHERN MINNESOTA TO SOUTHERN WISCONSIN TO SOUTHERN MICHIGAN TO NEW JERSEY. THERE IS ALSO A CHANCE POINTS SOUTH OF THIS LINE MAY ALSO SPOT PERIODS OF ACTIVITY.

ACTIVITY MAY ALSO BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...

THE U.K. TO NORTHERN GERMANY AND DENMARK TO NORTHERN RUSSIA, INCLUDING MOST OF NORWAY, SWEDEN, AND FINLAND. EXTREME SOUTHERN REGIONS OF AUSTRALIA AND NEW ZEALAND MAY ALSO BE ABLE TO SPOT ACTIVITY DURING THE WARNING PERIOD.

* Contact: Oler@Rho.Uleth.CA or COler@Solar.Stanford.Edu for more information regarding the Auroral Activity Prediction and Simulation Software.

SYNOPSIS...

Auroral activity has increased substantially over the last 12 hours. Minor to major auroral storming has been observed over the upper-middle and high latitude regions. Conditions are expected to remain at these enhanced (and perhaps stronger) levels over the next 24 to 36 hours. Observing conditions during this time will be good prior to moonrise which occurs between approximately 9 and 10 pm local time. Thereafter, moderate lunar interference (a 68% illuminated moon) will degrade observations from dark-sky sites.

For those with our Auroral Oval Simulation Software, optimal input values of between 40 and 60 should be used on 04 November, changing to values between approximately 25 and 40 on 05 November. Use the Internet command: "finger aurora@xi.uleth.ca" to obtain current forecast values and synoptical information.

This warning will remain active until 19:00 UT on 06 November when it will either be updated or allowed to expire.

** End of Warning **

Date: 4 Nov 93 12:57:54 GMT
From: ogicse!uwm.edu!linac!att!att-out!cbnewsj!k2ph@network.ucsd.edu
Subject: BAUD VS BAUDS
To: info-hams@ucsd.edu

Date: 4 Nov 93 18:02:52 GMT
From: hp-cv!hp-pcd!hpcvsnz!charlier@hplabs.hp.com
Subject: characteristic impedance
To: info-hams@ucsd.edu

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:
: In article <claude.752056704@bauv106> claude@bauv.unibw-muenchen.de (Claude Frantz) writes:
: >What is the prefered method to measure the characteristic impedance
: >of a coax line ?

: If you're measuring at a relatively low frequency, there's another way.
: Just terminate the line with a variable carbon resistor, feed a wee bit
: of power up the line, and "dip" the SWR reading with the pot. The pot's
: value will be the line's characteristic impedance regardless of the
: meter impedance.

  Since Tom Bruhns is away on a trip, I'm going to have to fill his shoes :-)

  I don't think your 2nd method will work with the typical SWR meter that Joe Ham has. Look at it this way: if I hook a 100 ohm resistor directly on the antenna terminal of my 50 ohm SWR bridge, I will see a 2:1 SWR indication. If I hook a piece of 100 ohm coax to the antenna terminal, with a 100 ohm resistor on the far end, the SWR on the coax will be 1:1, but my 50 ohm swr bridge will still indicate 2:1, because it still "sees" a 100 ohm resistor on its output.

  That's why the meter has a characteristic impedance.

  Now if your "SWR meter" is actually a time-domain reflectometer, you *can* use such a technique, just tune until relections disappear. TDRs are *almost* as expensive as network analyzers though...

  Probably the cheapest and most reliable method is to read the numbers stamped on the side of the coax, and look them up in a reference book..

--
Charlie Panek KX7L Hewlett Packard Company
charlier@lsid.hp.com Lake Stevens Instrument Division
Everett, Washington

Date: 4 Nov 93 16:00:40 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 03 November
To: info-hams@ucsd.edu

```
!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 307, 11/03/93
10.7 FLUX=093.9  90-AVG=093        SSN=020      BKI=0011 1225  BAI=008
BGND-XRAY=A9.5     FLU1=9.1E+05  FLU10=1.1E+04  PKI=1011 2234  PAI=008
  BOU-DEV=003,003,007,005,008,013,015,083   DEV-AVG=017 NT     SWF=00:000
 XRAY-MAX= B2.0   @ 1501UT    XRAY-MIN= A8.7   @ 0147UT   XRAY-AVG= B1.0
NEUTN-MAX= +002%  @ 2140UT   NEUTN-MIN= -002%  @ 2150UT  NEUTN-AVG= +0.1%
  PCA-MAX= +0.1DB @ 1500UT     PCA-MIN= -0.3DB @ 2130UT    PCA-AVG= -0.0DB
BOUTF-MAX=55366NT @ 1336UT   BOUTF-MIN=55332NT @ 2348UT  BOUTF-AVG=55355NT
GOES7-MAX=P:+000NT@ 0000UT   GOES7-MIN=N:+000NT@ 0000UT  G7-AVG=+092,+000,+000
GOES6-MAX=P:+181NT@ 1758UT   GOES6-MIN=N:-054NT@ 1111UT  G6-AVG=+110,+013,-027
 FLUXFCST=STD:090,090,090;SESC:090,090,090 BAI/PAI-FCST=015,030,020/010,018,035
    KFCST=2344 4332 3466 5433  27DAY-AP=004,016   27DAY-KP=2110 1221 1244 5222
 WARNINGS=*SWF;*GSTRM;*AURMIDWRN
   ALERTS=**245STRM:1355-1528UTC
!!END-DATA!!
```

NOTE: The Effective Sunspot Number for 02 NOV 93 is not available.
      The Full Kp Indices for 02 NOV 93 are not available.

Date: 4 Nov 93 18:45:49 GMT
From: sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!jholly@hplabs.hp.com
Subject: Fun with Radio Shack
To: info-hams@ucsd.edu

Greg Bullough (greg@netcom.com) wrote:
      /* stuff about charging for mailing list info deleted */

Actually what I enjoy doing is giving them the phone number and
address of the RS store a couple miles away. Use the name R.S. Tandy.
the sales driods just love it.

Jim, WA6SDM
jholly@cup.hp.com

Date: 4 Nov 93 19:19:59 GMT
From: news-mail-gateway@ucsd.edu
Subject: Info-Hams Digest V93 #1307
To: info-hams@ucsd.edu

  ???   ???
  ??? TEKRONIX 4105 TERMINAL ???
  ???   ???
Howdy. Does anyone know the details on the setup procedures for a
Specifically, how to allocate buffer memory using MEMORYBLOCKS?
73 & Thanx de Walt - K2WK

Date: 4 Nov 93 16:46:55 GMT
From: news-mail-gateway@ucsd.edu
Subject: Kenwood IF-232
To: info-hams@ucsd.edu

I am trying to use software called KTWIN to control a Kenwood TS140S
transceiver. However an interface from the receiver to the PC serial
port is required. Kenwood produce one called an IF 232 but is quite
expensive. I understand that is possible to "home brew" such an
interface. Does anyone know if a circuit is available of an
equivalent or if if a circuit is stored at an FTP site?
Thanks.

Date: Thu, 4 Nov 1993 12:42:14 GMT
From: mdisea!mothost!lmpsbbs!news@uunet.uu.net
Subject: Neat Feature on New Motorola Commercial Ha
To: info-hams@ucsd.edu

In article AA24971@mbs.telesys.utexas.edu, miles@mbs.telesys.utexas.EDU (Miles
Abernathy) writes:
}Here's a neat feature of the new Motorola Visar handheld,
}
}The Visar has an LCD channel display mounted on top at a 45-degree angle,
}so it is visible from above (if the radio is in your shirt pocket) or from
}the front (if you have it in your hand). Of course, that means that the
}display must be upside down from one or the other position.
}
}The neat feature is an invert button. Press it and the characters in the
}display electronically invert! No need to read upside-down numbers!
}
}Hooray for Yankee ingenuity!
}
The MT1000 radios also would do that.
Bruce, WB4YUC

Date: 4 Nov 1993 13:17:36 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!emory!news-feed-2.peachnet.edu!concert!ecsgate!bruce.uncg.edu!mosier.uncg.edu!mosier@network.ucsd.edu
Subject: Need ALASKA for 75m WAS
To: info-hams@ucsd.edu

I need one more QSO/QSL for the 75m Extra-class WAS award. Are there any Alaska stations with Extra-class formatted calls that would like to come up on the GERITOL net on 3768 kHz some evening? Of course, there are a LOT of others there who need Alaska, and you'll be busy for awhile, but its FUN!!

steve - w3grg

steve
mosier@fagan.uncg.edu

Date: 4 Nov 93 15:14:28 GMT
From: news-mail-gateway@ucsd.edu
Subject: Opto-isolator for keyer
To: info-hams@ucsd.edu

Hi!

My friend, Bill, needs some info. Here's his problem:

I am builing a keyer circuit using the Curtis Keyer chip I'm trying to reduce the size and power consumption so I would like to use an optoisolator instead of a relay or transistor type circuit for the output stage. My rig is a Kenwood TS-140S. I'm interested in circuits that use opto isolators and which components use the least amount of power. Any suggestions?

Thanks and 73,

Bill, ka2cki

--

Thomas J. Jennings | Tel: (716) 273 7071
Development Engineer | Fax: (716) 273 7262
ABB Process Automation |

Post Office Box 22685 |
Rochester, New York 14692-2685 |
                               |

Internet: jennings@jennings.rochny.uspra.abb.com

Date: 4 Nov 93 14:58:55 GMT
From: psinntp!arrl.org@uunet.uu.net
Subject: qsl to cuba
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, Chris Terwilliger <a229aa@email.sps.mot.com> writes:
>I know this was discussed some time ago, but, does arrl outgoing buro
>handle cuba? Does cuba have an incoming buro? Is there a manager?
>Do we have to go direct?
>
>
>* Chris Terwilliger, AA7WD   a229aa@email.sps.mot.com *
>* Motorola   "And now,   *
>* Phoenix Corporate Research Labs   the sequence of events, *
>* 2100 E. Elliot Rd. EL508   in no particular order." *
>* Tempe, AZ 85284   - Dan Rather *
>

Chris,

Yes, the Outgoing Service DOES forward cards to Cuba (CO). And yes,
there does exist an Incoming QSL Bureau for Cuba.

The only time you should use a QSL Manager (for Cuba) would be
if the amateur you QSO'ed with requested you QSL via a Manager.

The Cuba QSL Bureau also forwards cards to the U.S.. These cards
come directly to us here in the Service. Once received, they`re
sorted, and mailed out to the various U.S. Incoming QSL Bureaus.

You have to realize though, that mail INTO Cuba goes through a
number of mail inspections, is re-routed though Miami, and so
forth. Mail INTO this country (from Cuba) goes through nearly
the same machinations. So unless QSL cards are mailed direct, cards
sent through the Cuba Bureau system take awhile to get to their
proper destinations.

I'd recommend QSLing direct only if you REALLY need the card (i.e.,

DXCC, WAZ, WAC, etc.)

Hope this helps!

73,

Joe, NJ1Q

Joseph Carcia, NJ1Q | "The surest sign that Intelligent
ARRL Outgoing QSL Service Mgr. | life exists in the Universe is
American Radio Relay League | that NONE of it has ever visited
225 Main St. | the Earth." - Calvin & Hobbs
Newington CT 06111-1494 |
(w) (203) 666-1541 ext. 274 |
(fax) (203) 665-7531 |
internet: jcarcia@arrl.org |

Date: 4 Nov 93 16:18:18 GMT
From: news-mail-gateway@ucsd.edu
Subject: SAREX Keps & Update 10/28
To: info-hams@ucsd.edu

HAVE WE ALL HAD ENOUGH OF THIS YET??????????????
HOW MANY DUPLICATIONS DOES IT TAKE BEFORE IT GETS THROUGH SOMEONES HEAD!!??

Gerald J. Walsh - KB6OOC | Internet: gwalsh@kilroy.Jpl.Nasa.Gov
Jet Propulsion Laboratory | AMPRNet : kb6ooc@jpl-gw.w6vio.ampr.org
RF and Microwave Subsystems Section | Packet : KB6OOC@W6VIO.#SOCA.CA.USA.NA
M/S 238-528 | Phone : (818) 354-3913
4800 Oak Grove Drive | Fax : (818) 393-0207
Pasadena, CA 91109 |

Date: Mon, 1 Nov 1993 05:34:14 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!darwin.sura.net!perot.mtsu.edu!raider!theporch!jackatak!root@network.ucsd.edu
Subject: Slowpokes
To: info-hams@ucsd.edu

alanb@sr.hp.com (Alan Bloom) writes:

>
> It's amazing how many people call the DX station without being able to
> hear him. You can tell because, on big pileups, there will still be
> people calling several minutes after the DX station announces hi is
> going QRT.

This is NOT a CW-only phenomena, either... I listened to a QSO between
a station in Rhowanda and a WB5xxx (no need to pick on anyone by name,
he'll know who he is...) hoping I could sneak in for a signal report
and a few words with a rare African station from my mobile.

After a few rude souls broke for signal reports (the African wanted to
chat, not run a pileup) the Rhowandan announced for all to hear "I do
not like these pileups, I am going QRT." and shut down... one "1"-land
wonder actually carried on what he thought was a QSO, although it was
in his head and in the ether, including asking for a repeat of his
signal report... then, slightly embarrassed when someone pointed out
to him that he had QSO'ed himself, he announces to the whole world "I
guess I was hearing what I wanted to hear. I don't know who I just
worked, but I hope he'll QSL."   100% via buro om   ;^)

73, Jack/W4PPT

+--*--+
Jack GF Hill	Voice: (615) 459-2636 - Ham Call: W4PPT
P. O. Box 1685	Modem: (615) 377-5980 - Bicycling and SCUBA Diving
Brentwood, TN 37024	Fax: (615) 459-0038 - Life Member - ARRL
root@jackatak.raider.net - "Plus ca changer, plus c'est la meme chose"
+--*--+

Date: Tue, 02 Nov 1993 11:50:30 -0800
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
library.ucla.edu!csulb.edu!paris.ics.uci.edu!gateway@network.ucsd.edu
Subject: TS 430 as mobile
To: info-hams@ucsd.edu

Hello:

I just managed to snag the good deal on the TS 430 over on rec.radio.swap
and wondered about the 430 as a mobile rig. I have not used one.

How sensitive is the final to SWR? How effective is the noise blanker?
Does the 430 need an external speaker?
How useful is the mobile mounting bracket?

I will probably mount it in

my new (old) VW van which I want to make into a fine radio-mobile :-).

Any hints and suggestions appreciated.

Clark
WA3JPG

Date: 3 Nov 1993 14:07:44 GMT
From: gumby!destroyer!news1.oakland.edu!vela.acs.oakland.edu!prvalko@yale.arpa
Subject: We've lost him, Jim!
To: info-hams@ucsd.edu

I thing one of the TOP TEN "big ham radio lies" is that you can work an
orbiting object with an HT. OSCAR 21 is supposedly one such satelite
and from my experience you need several dozen watts and a yagi which can
be pointed at the "bird" as it fly overhead.

Verticals have too low an angle of radiation to work a satelite which is
higher than 30 degree or so above the horizon.

On the bright side, you can HEAR many of these satelites with even a
cheap scanner. Try it!

paul wb8zjl

Date: Wed, 3 Nov 93 07:02:05 PST
From: pa.dec.com!wrksys.enet.dec.com!reisert@decwrl.dec.com
Subject: ZA1QA QSL manager is HA0MM
To: info-hams@ucsd.edu

Earlier this year, I received a QSL card with about a 1 month turn-around
time.

73 - Jim AD1C

--
James J. Reisert Internet: reisert@wrksys.enet.dec.com
Digital Equipment Corp. UUCP: ...decwrl!wrksys.enet.dec.com!reisert
146 Main Street - MLO3-6/C9 Voice: 508-493-5747
Maynard, MA 01754 FAX: 508-493-0395

Date: (null)

From: (null)
No. It's very much like saying "trees." Take a look at V.32, for example. Take a look at ETSI DTR/TM-3017.

There are some words that are both singular and plural. Baud is not one of them. Bauds is the one word to have when you're having more than one. :-)

73,
Bob K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

End of Info-Hams Digest V93 #1309
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